



CASE LD 9006 DIV 1

CERTIFICATE OF MAILING

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Gary D. Greenblatt, Ph.D.

Type or print name

Gary D. Greenblatt

Signature

April 30, 2004

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

HOEFLE ET AL.

APPLICATION NO: 10/780,181

FILED: FEBRUARY 17, 2004

FOR: EPOTHILONE DERIVATIVES, A PROCESS FOR THEIR
PRODUCTION THEREOF AND THEIR USE

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This paper is being filed concurrently with the application. Therefore, no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-3880.

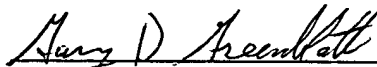
In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

The listed references are of record in parent Application No. 09/674,877 filed January 2, 2001, and copies are available therein. However, applicants are willing to send copies of any or all of these references at the Examiner's request.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

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Gary D. Greenblatt, Ph.D.
Agent for Applicants
Reg. No. 47,609

Date: April 30, 2004

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
LD 9006 DIV 1
APPLICATION NO.
10/780,181
APPLICANT
HOEFLE ET AL.
FILING DATE
02/17/04

Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	6,380,394	4/30/02	Nicolaou et al.			
	AB	08/856,533		Nicolaou et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM	WO 97/19086	5/29/97	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AN	WO 93/10121	5/27/93	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AO	WO 98/22461	5/28/98	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AP	WO 99/67252	12/29/99	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AQ	DE 19542986	5/22/97	GERMANY			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	Balog et al., 1996 "Total Synthesis of (-)-Epothilone A", Agnew. Chem. Int. Ed. Engl. 35:2801-2803.
	AS	Gerth et al., 1996 "Epothilons A and B: Antifungal and Cytotoxic Compounds from <i>Sorangium cellulosum</i> (Myxobacteria) Production, Physico-chemical and Biological Properties", J. of Antibiotics 49: 560-563.
	AT	Hofle et al., 1996, "Epothilone A and B—Novel 16-Membered Macrolides with Cytotoxic Activity: Isolation, Crystal Structure, and Conformation in Solution", Angew. Chem. Int. Ed. 35:1567-1569.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

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Group

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AA	Hofle et al., 1999, "N-Oxidation of Epothilone A-C and O-Acyl Rearrangement to C-19 and C-21 Substituted Epothilones", Angew. Chem. Int. Ed. 38:1971-1974.
AB	Nicolaou et al., 1997, "Total Synthesis of Oxazole- and Cyclopropane-Containing Epothilone B Analogues by the Macrolactonization Approach", Chem. Eur. J. 3:1971-1986.
AC	Nicolaou et al., 1998, "Total Synthesis of Epothilone E and Analogues with Modified Side Chain Reactions through the Stille Coupling Reaction", Angew. Chem. Int. Ed. 37:84-87.
AD	Nicolaou et al., 1997, "Designed Epothilones; Combinatorial Synthesis, Tubulin Assembly Properties, and Cytotoxic Action against Taxol-Resistant Tumor Cells", Angew. Chem. Int. Ed. Engl. 36: 2097-2103.
AE	Nicolaou et al., 1997, "Total Synthesis of Oxazole- and Cyclopropane-Containing Epothilone A Analogues by the Olefin Metathesis Approach", Chem. Eur. J. 3:1957-1970.
AF	Torrado et al., 1995, "General Synthesis of Retinoids and Arotinoids Via Palladium-Catalyzed Cross-Coupling of Boronic Acids with Electrophiles", Synthesis, 03-01-1995, 285-293.
AG	Petasis et al., 1996, "Mild Conversion of Alkenyl Boronic Acids to Alkenyl Halides with Halosuccinimides", Tetrahedron Letters, Vol. 37, No. 5, pp. 567-570.
AH	Schummer, et al., 1995, "An Improved Preparation of Tris(ethylenedioxyboryl)methane, a Reagent for the Homologation of Aldehydes and Ketones", Tetrahedron, 11219-11222.
AI	Akira Suzuki, 1981, "Organoborates in New Synthetic Reactions", Accounts of Chemical Research, Vol. 15, pp. 178-184.
AJ	
AK	
AL	
AM	
AN	

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DATE CONSIDERED

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